

#7

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45

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/921,161

DATE: 01/23/2002

TIME: 09:56:58

Input Set : A:\GENENT.066A.txt

Output Set: N:\CRF3\01222002\I921161.raw

C--> 4 <110> APPLICANT: Ralph, Peter
 6 <120> TITLE OF INVENTION: ANALYTICAL METHOD
 9 <130> FILE REFERENCE: GENENT.066A
 11 <140> CURRENT APPLICATION NUMBER: 09/921,161
 12 <141> CURRENT FILING DATE: 2001-08-01
 14 <150> PRIOR APPLICATION NUMBER: 60/225,433
 15 <151> PRIOR FILING DATE: 2000-08-15
 17 <160> NUMBER OF SEQ ID NOS: 1
 19 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 645
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Homo sapiens
 26 <400> SEQUENCE: 1
 27 Met Glu Leu Ala Ala Leu Cys Arg Trp Gly Leu Leu Leu Ala Leu Leu
 28 1 5 10 15
 29 Pro Pro Gly Ala Ala Ser Thr Gln Val Cys Thr Gly Thr Asp Met Lys
 30 20 25 30
 31 Leu Arg Leu Pro Ala Ser Pro Glu Thr His Leu Asp Met Leu Arg His
 32 35 40 45
 33 Leu Tyr Gln Gly Cys Gln Val Val Gln Gly Asn Leu Glu Leu Thr Tyr
 34 50 55 60
 35 Leu Pro Thr Asn Ala Ser Leu Ser Phe Leu Gln Asp Ile Gln Glu Val
 36 65 70 75 80
 37 Gln Gly Tyr Val Leu Ile Ala His Asn Gln Val Arg Gln Val Pro Leu
 38 85 90 95
 39 Gln Arg Leu Arg Ile Val Arg Gly Thr Gln Leu Phe Glu Asp Asn Tyr
 40 100 105 110
 41 Ala Leu Ala Val Leu Asp Asn Gly Asp Pro Leu Asn Asn Thr Thr Pro
 42 115 120 125
 43 Val Thr Gly Ala Ser Pro Gly Gly Leu Arg Glu Leu Gln Leu Arg Ser
 44 130 135 140
 45 Leu Thr Glu Ile Leu Lys Gly Gly Val Leu Ile Gln Arg Asn Pro Gln
 46 145 150 155 160
 47 Leu Cys Tyr Gln Asp Thr Ile Leu Trp Lys Asp Ile Phe His Lys Asn
 48 165 170 175
 49 Asn Gln Leu Ala Leu Thr Leu Ile Asp Thr Asn Arg Ser Arg Ala Cys
 50 180 185 190
 51 His Pro Cys Ser Pro Met Cys Lys Gly Ser Arg Cys Trp Gly Glu Ser
 52 195 200 205
 53 Ser Glu Asp Cys Gln Ser Leu Thr Arg Thr Val Cys Ala Gly Gly Cys
 54 210 215 220
 55 Ala Arg Cys Lys Gly Pro Leu Pro Thr Asp Cys Cys His Glu Gln Cys

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56 225                230                235                240
57 Ala Ala Gly Cys Thr Gly Pro Lys His Ser Asp Cys Leu Ala Cys Leu
58                245                250                255
59 His Phe Asn His Ser Gly Ile Cys Glu Leu His Cys Pro Ala Leu Val
60                260                265                270
61 Thr Tyr Asn Thr Asp Thr Phe Glu Ser Met Pro Asn Pro Glu Gly Arg
62                275                280                285
63 Tyr Thr Phe Gly Ala Ser Cys Val Thr Ala Cys Pro Tyr Asn Tyr Leu
64                290                295                300
65 Ser Thr Asp Val Gly Ser Cys Thr Leu Val Cys Pro Leu His Asn Gln
66 305                310                315                320
67 Glu Val Thr Ala Glu Asp Gly Thr Gln Arg Cys Glu Lys Cys Ser Lys
68                325                330                335
69 Pro Cys Ala Arg Val Cys Tyr Gly Leu Gly Met Glu His Leu Arg Glu
70                340                345                350
71 Val Arg Ala Val Thr Ser Ala Asn Ile Gln Glu Phe Ala Gly Cys Lys
72                355                360                365
73 Lys Ile Phe Gly Ser Leu Ala Phe Leu Pro Glu Ser Phe Asp Gly Asp
74                370                375                380
75 Pro Ala Ser Asn Thr Ala Pro Leu Gln Pro Glu Gln Leu Gln Val Phe
76 385                390                395                400
77 Glu Thr Leu Glu Glu Ile Thr Gly Tyr Leu Tyr Ile Ser Ala Trp Pro
78                405                410                415
79 Asp Ser Leu Pro Asp Leu Ser Val Phe Gln Asn Leu Gln Val Ile Arg
80                420                425                430
81 Gly Arg Ile Leu His Asn Gly Ala Tyr Ser Leu Thr Leu Gln Gly Leu
82                435                440                445
83 Gly Ile Ser Trp Leu Gly Leu Arg Ser Leu Arg Glu Leu Gly Ser Gly
84                450                455                460
85 Leu Ala Leu Ile His His Asn Thr His Leu Cys Phe Val His Thr Val
86 465                470                475                480
87 Pro Trp Asp Gln Leu Phe Arg Asn Pro His Gln Ala Leu Leu His Thr
88                485                490                495
89 Ala Asn Arg Pro Glu Asp Glu Cys Val Gly Glu Gly Leu Ala Cys His
90                500                505                510
91 Gln Leu Cys Ala Arg Gly His Cys Trp Gly Pro Gly Pro Thr Gln Cys
92                515                520                525
93 Val Asn Cys Ser Gln Phe Leu Arg Gly Gln Glu Cys Val Glu Glu Cys
94                530                535                540
95 Arg Val Leu Gln Gly Leu Pro Arg Glu Tyr Val Asn Ala Arg His Cys
96 545                550                555                560
97 Leu Pro Cys His Pro Glu Cys Gln Pro Gln Asn Gly Ser Val Thr Cys
98                565                570                575
99 Phe Gly Pro Glu Ala Asp Gln Cys Val Ala Cys Ala His Tyr Lys Asp
100                580                585                590
101 Pro Pro Phe Cys Val Ala Arg Cys Pro Ser Gly Val Lys Pro Asp Leu
102                595                600                605
103 Ser Tyr Met Pro Ile Trp Lys Phe Pro Asp Glu Glu Gly Ala Cys Gln
104                610                615                620

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105	Pro	Cys	Pro	Ile	Asn	Cys	Thr	His	Ser	Cys	Val	Asp	Leu	Asp	Asp	Lys
106	625					630					635					640
107	Gly	Cys	Pro	Ala	Glu											
108						645										

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/921,161

DATE: 01/23/2002

TIME: 09:56:59

Input Set : A:\GENENT.066A.txt

Output Set: N:\CRF3\01222002\I921161.raw

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date